



14230 U.S. PTO

UTILITY PATENT APPLICATION TRANSMITTAL
(only for new and continuation-in-part nonprovisional applications
under 37 CFR 1.53(b))

Client-Matter
No.: 69738-011

22141 U.S. PTO
10/750545



Address to: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"EXPRESS MAIL" MAILING LABEL NUMBER: EV 400 552 557 US

DATE OF DEPOSIT: December 31, 2003

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING
DEPOSITED WITH THE UNITED STATES POSTAL SERVICE
"EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER
37 C.F.R. 1.10 ON THE DATE INDICATED ABOVE, AND IS
ADDRESSED TO: MAIL STOP PATENT APPLICATION,
COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA
22313-1450

Paul Choi

(TYPED OR PRINTED NAME OR PERSON MAILING PAPER OR FEE)

(SIGNATURE OF PERSON MAILING PAPER OR FEE)

This is a request for filing a

 X new utility patent application under 37 CFR 1.53(b).

 continuation-in-part under CFR 1.53(b)(2) of prior application serial no. ,
filed (list entire parentage).

Title: NUTRIENT COMPOSITIONS AND METHODS FOR ENHANCED EFFECTIVENESS
OF THE IMMUNE SYSTEM

Inventor(s)(full name of each inventor): Jon D. Kaiser

Enclosed are:

- X Return receipt postcard
- Patent Application Bibliographic Data Sheet
- X 1 Page application cover sheet
- X 53 Pages of specification (includes claims and abstract)
- X 3 Sheets of drawing(s)
- Pages of an executed Declaration for Patent Application
- An executed Power of Attorney for Patent Application by Assignee
- Paper copy of sequence listing, pages through
- Sequence listing in computer readable form
- Statement Under 37 CFR 1.821(f)
- An executed assignment and cover sheet
- An executed Statement Under 37 CFR 3.73(b)
- An executed small entity statement
- Request for Nonpublication and Certification
- Also enclosed:

 This application is based on prior foreign application(s) No.(s) , filed in
 on , respectively, and priority is hereby claimed therefrom.

 This application is based on, and claims the benefit of, U.S. Provisional Application No.
60/ , filed , and entitled , and which is incorporated herein by
reference.

 This application is based on, and claims the benefit of, U.S. Provisional Application No.
60/ (yet to be assigned), filed , which was converted from U.S.
Serial No. , and entitled , and which is incorporated
herein by reference.

Inventor(s): Jon D. Kaiser
Docket No.: 69738-011
Page 2

The filing fee has been calculated as shown below:

	Number Filed		Number Extra		Rate			Fee	
					Small Entity	Other Entity		Small Entity	Other Entity
Total Claims	144 - 20	=	124	x	\$9	\$18	=	\$	\$
Indepen- dent Claims	3 - 3	=	0	x	\$43	\$86	=	\$	\$
Multiple Dependent Claims Presented: <u>X</u> Yes <u> </u> No					\$145	\$290		\$	\$
					BASIC FEE			\$385	\$770
					TOTAL FEE			\$	

 Please charge my Deposit Account No. in the amount of \$. A duplicate copy of this sheet is enclosed.

 X The payment of the filing fee is to be deferred until the Declaration is filed. Do not charge our deposit account.

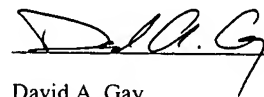
 The Commissioner is hereby authorized to charge fees under 37 CFR 1.16 and 1.17 which may be required or credit any overpayment to Deposit Account No. . A duplicate copy of this sheet is enclosed.

Address all future communications to:

Cathryn Campbell
McDERMOTT, WILL & EMERY
4370 La Jolla Village Drive, Suite 700
San Diego, California 92122
telephone: (858) 535-9001
facsimile: (858) 535-8949

Respectfully submitted,

Date: December 31, 2003



David A. Gay
Registration No. 39,200
McDERMOTT, WILL & EMERY
4370 La Jolla Village Drive, Suite 700
San Diego, California 92122